

The Claims Defining the Invention Are As Follows

1. A test carrier for storage devices comprising:

a carrier base;

a slider tray slidably mounted to the carrier base, the slider tray having at least one aperture for receiving a storage device therein;

at least one storage device connector connected to the carrier base; and

a tester interface

where, when the slider tray is in a first position, the storage device can be received within the at least one aperture of the slider tray and, when the slider tray is in a second position, an interface of the storage device mates with the storage device connector, appropriate circuitry contained in the carrier base connecting the tester interface and the storage device connector thereafter allowing the storage device to be tested via the tester interface.

2. A test carrier according to claim 2, where the tester interface is a 3.5" HDD interface adapted to be received within a 3.5" HDD tester bed.
3. A test carrier according to any preceding claim, where the storage device connector is adapted to allow mating with the appropriate interface of SFF storage devices.
4. A test carrier according to claim 4, where the SFF storage device is one of the following: Compact Flash; MultiMedia Card.
5. A test carrier according to any preceding claim, where the slider tray has dampening means connected thereto, the dampening means operable to provide mechanical dampening of the storage device during testing.

6. A test carrier according to claim 5, where the dampening means also operates to align the interface of the storage device within the storage device connector to facilitate the mating thereof.
7. A test carrier according to claim 5 or claim 6, where the dampening means is removable.
8. A test carrier according to any one of claims 5 to 7, where the dampening means includes an elastic pad dampener.
9. A test carrier according to any one of claims 5 to 8, where the dampening means includes a wedge assembly.
10. A test carrier according to any preceding claim, where the carrier base further includes inbuilt testing circuitry connected to the tester interface, or connected directly to the storage device connector, as required to test the desired storage device.
11. A test carrier according to any preceding claim, where the carrier base has at least one slider guide mounted thereto, a portion of each slider guide adapted to be received between segments of the slider tray, such that movement of the slider tray is limited by the portion to the space between the first and second positions.
12. A test carrier according to any preceding claim, where at least one segment of the slider tray operates as a handle.
13. A test carrier according to any preceding claim, where the slider tray and carrier base each include retention means that operate conjunctively to releasably retain the slider tray in either the first position or the second position.

14. A test carrier according to claim 13, where the retention means of the slider tray is a clip mechanism and the retention means of the carrier base is an aperture adapted to receive a portion of the clip mechanism therein.
15. A test carrier according to any preceding claim, further including connector shields, the connector shields positioned so as to provide protection to the storage device connectors when the slider tray is in the first position.